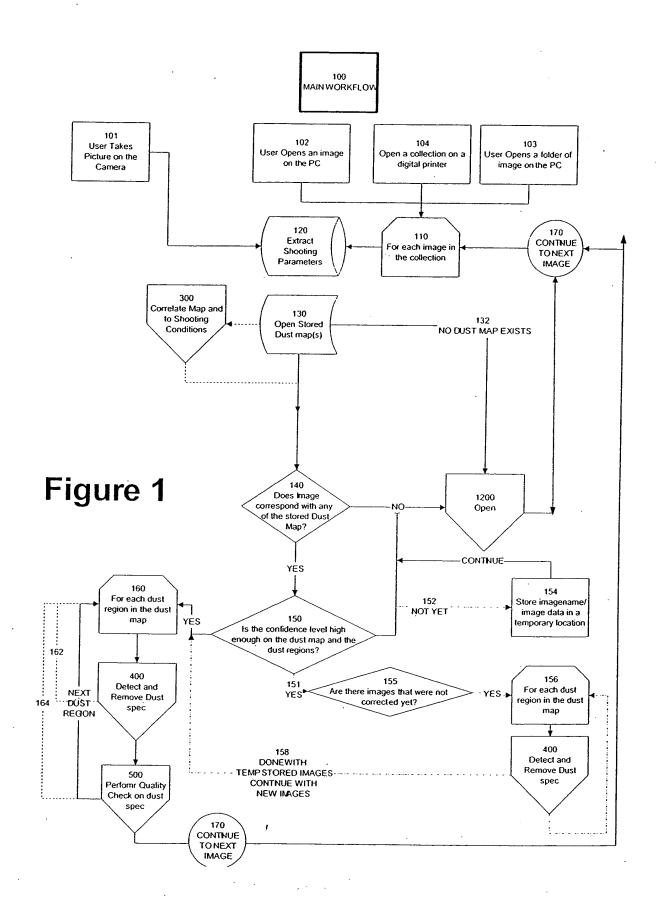
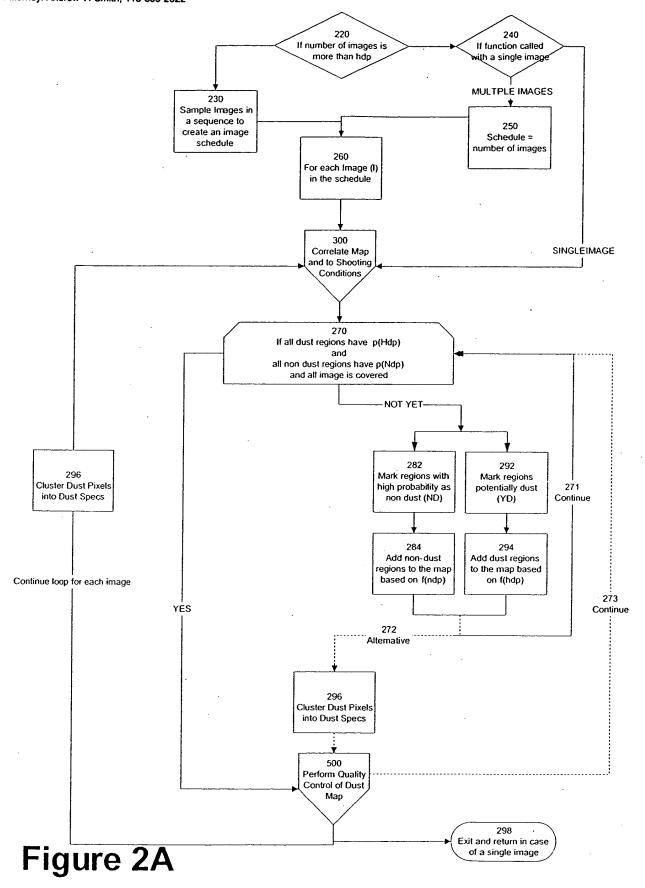
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For: Digital Camera, filed September 30, 2003 Inventors: Eran Steinberg, et al., Page 1 of 22 Attorney: Andrew V. Smith, 415-836-2522

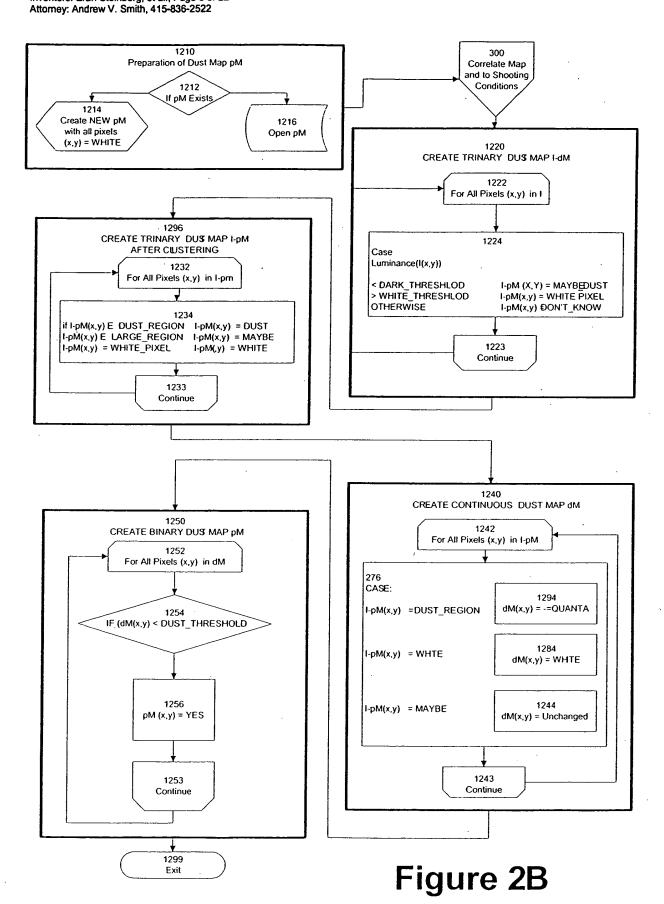


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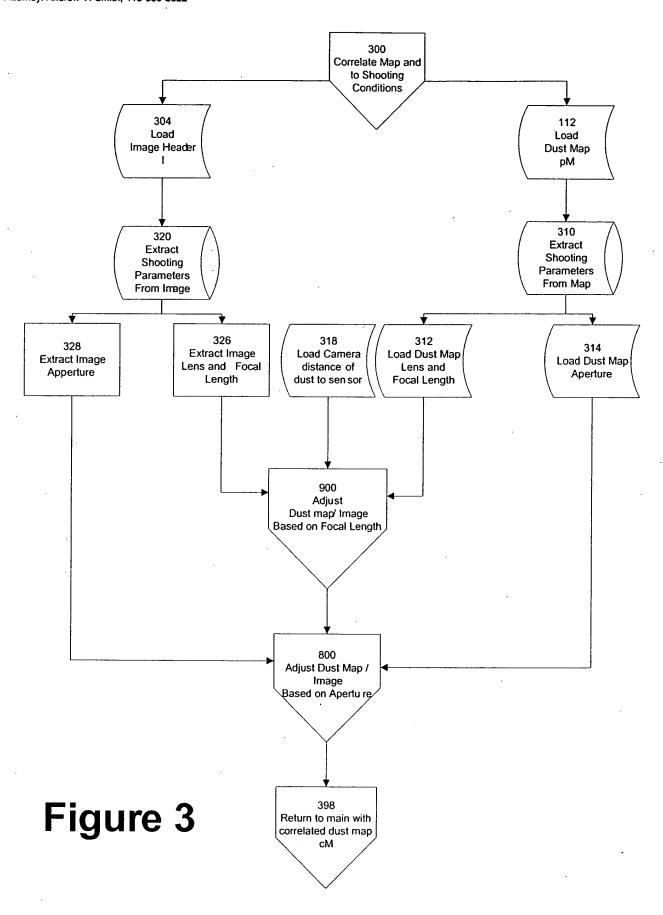


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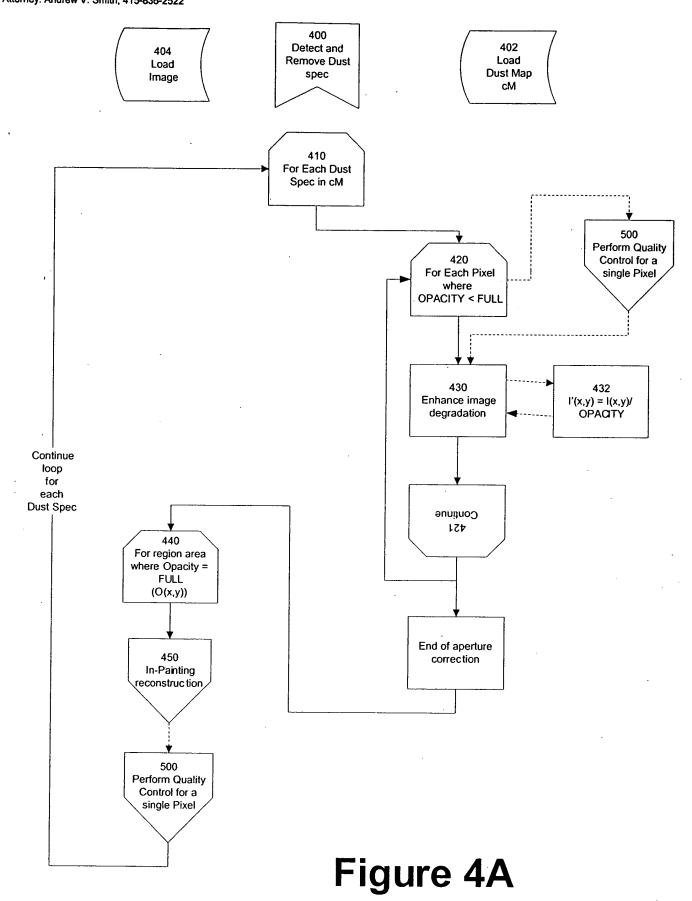


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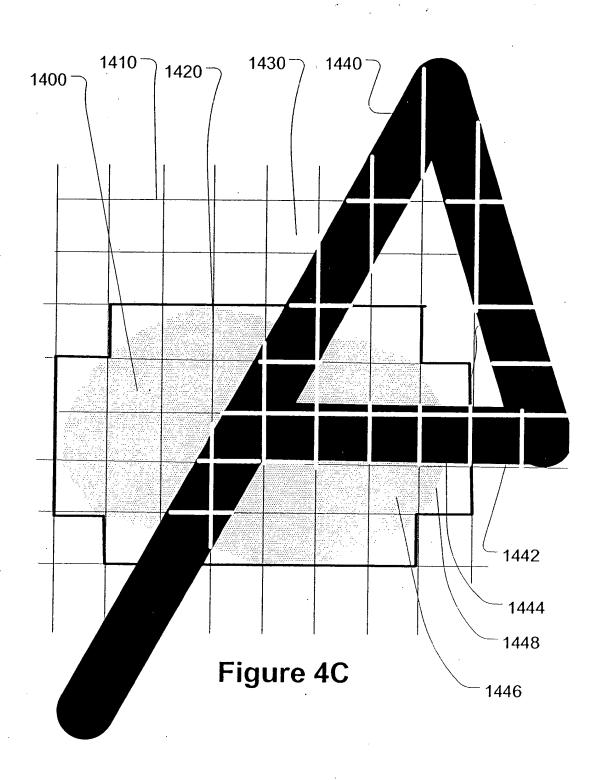
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Express Mail: EV330728507US Attorney Docket: 2100874-991360 For: Digital Camera, filed September 30, 2003 Inventors: Eran Steinberg, et al., Page 6 of 22 Attorney: Andrew V. Smith, 415-836-2522 450 In-Painting reconstruction 451 Input: region area where Opacity = FULL (O(x,y)) 460 For each pixel (I,j) in the periphery of 480 O(x,y)For each pixel (I,j) in O(x,y) 462 Define the 482 Gradient for (i,j) Apply a new value based on its surrounding pixels 470 For each pixel (k,l) in the Inner boundaries of O(x,y) 489 Continue Find the pixel (m,n) surrounding (k,l) with the smallest Gradient Apply I(k,l) = L2||(m,n),(k,l)||*Grad(l(k,l))476 Remove (k,l) from O(x,y) Figure 4B 479

Continue

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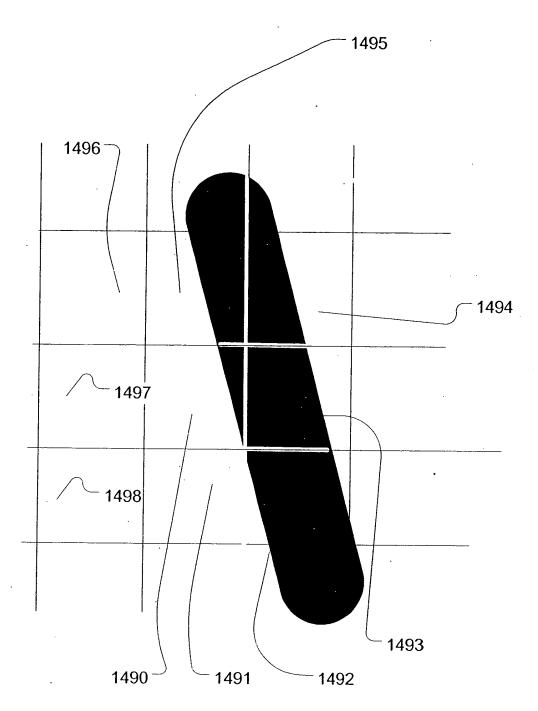


Figure 4D

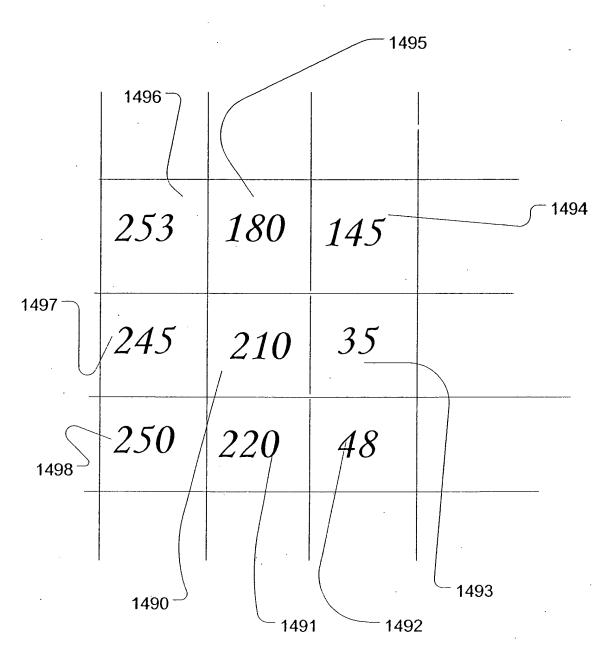


Figure 4E

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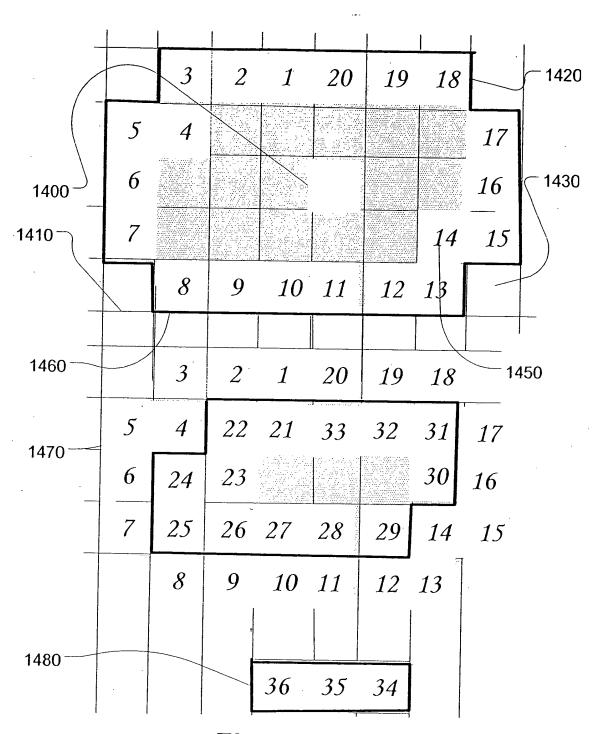


Figure 4F

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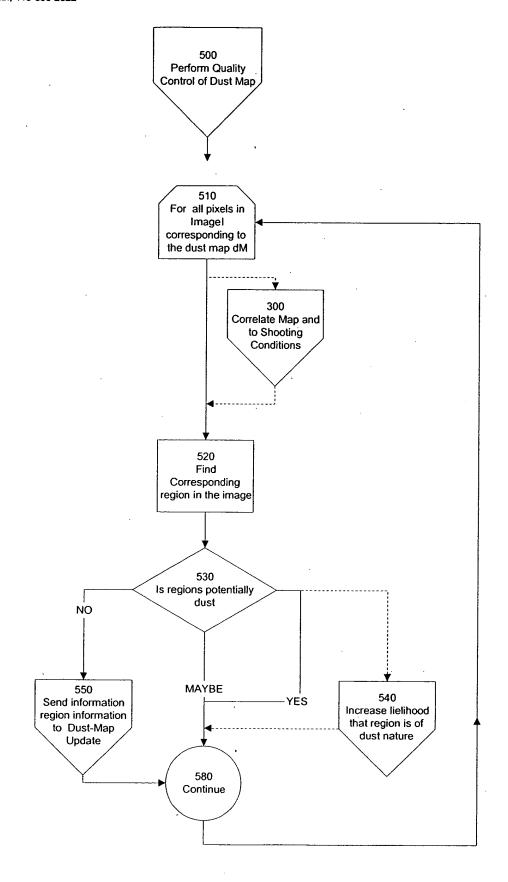
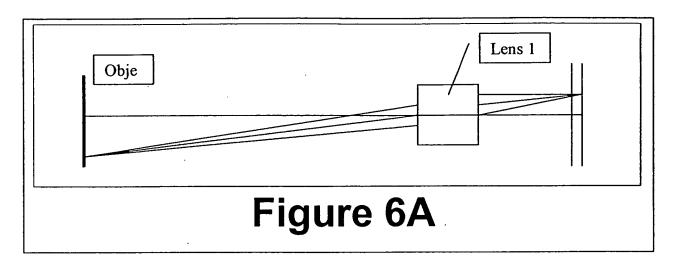
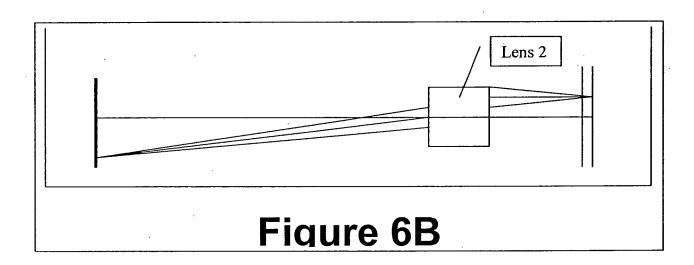
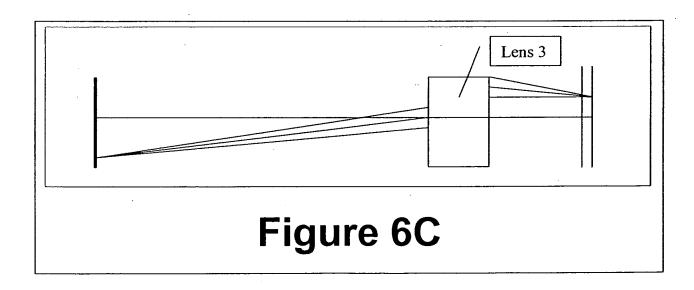


Figure 5

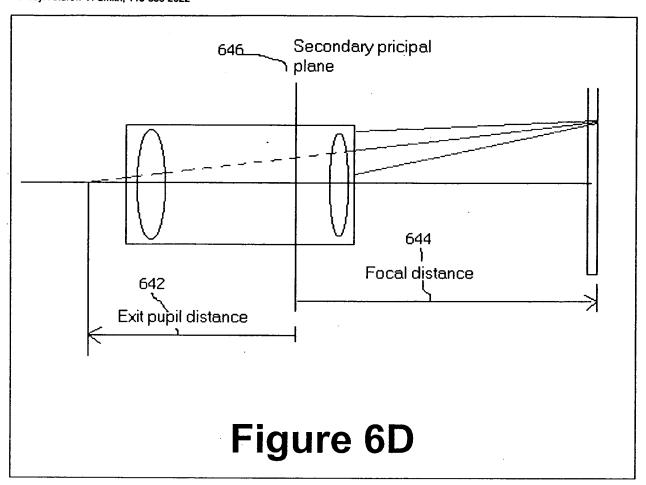
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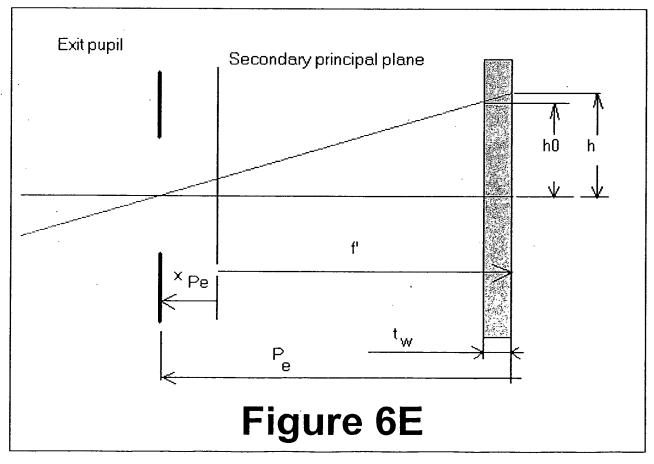




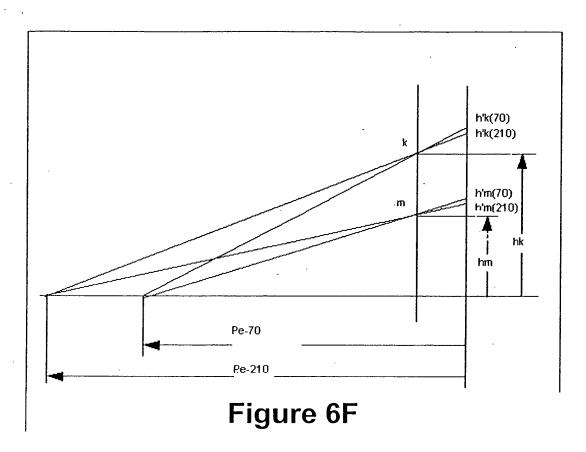


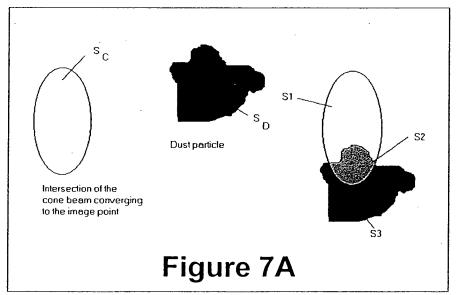
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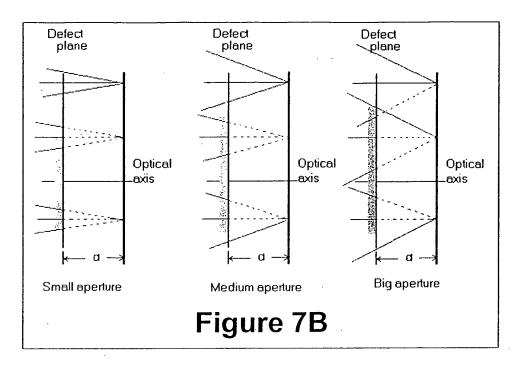


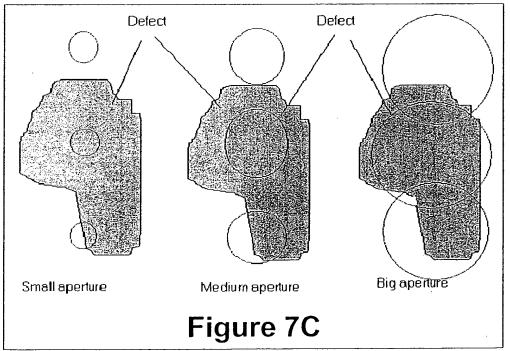
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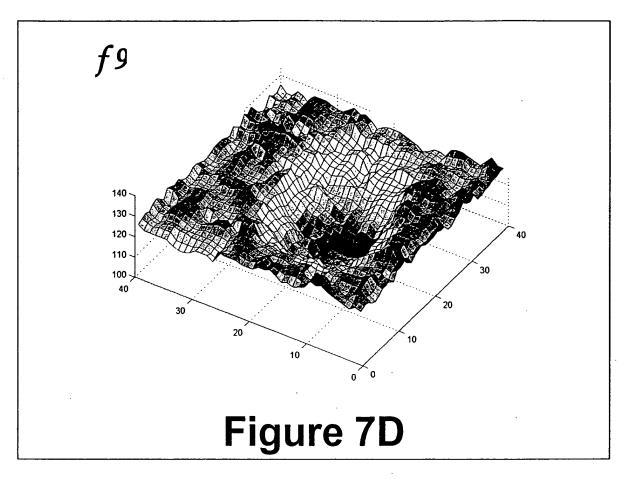


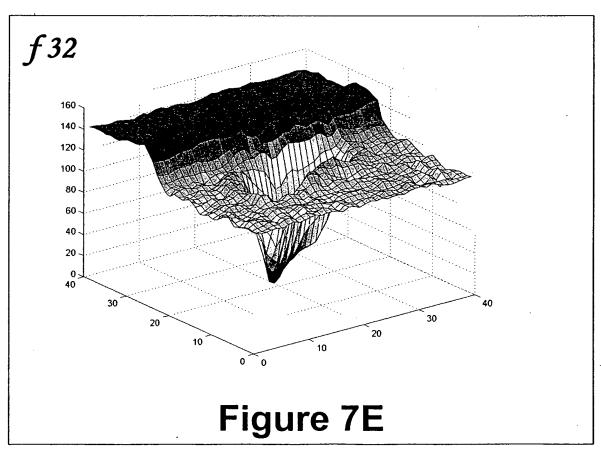
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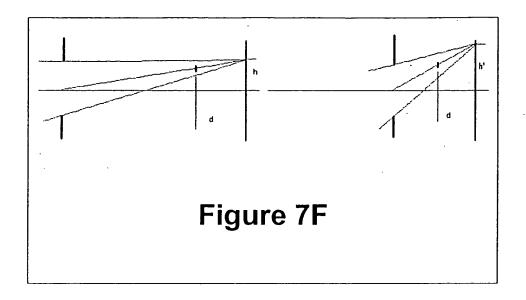


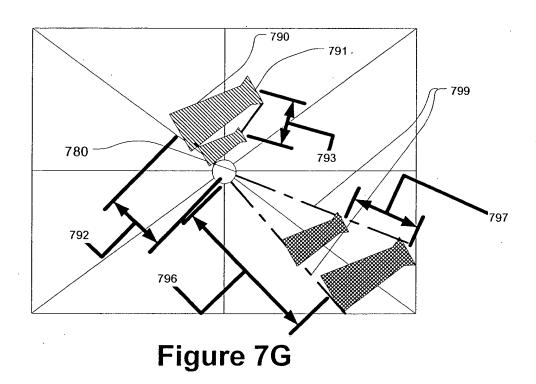
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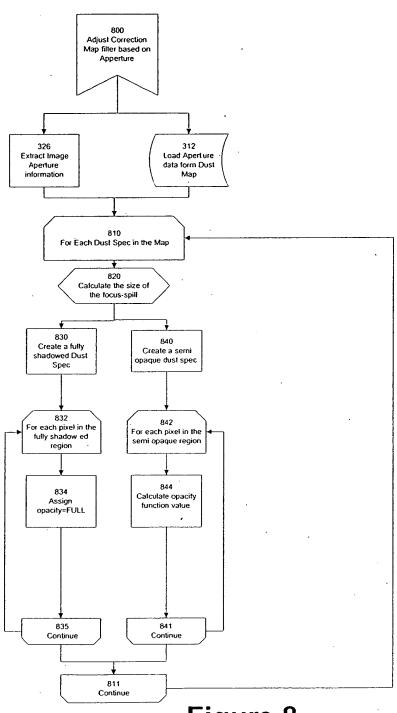


Figure 8

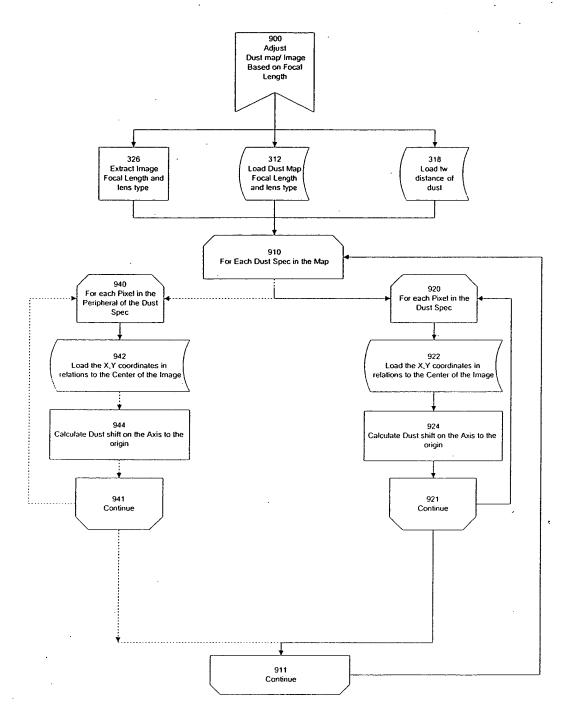


Figure 9

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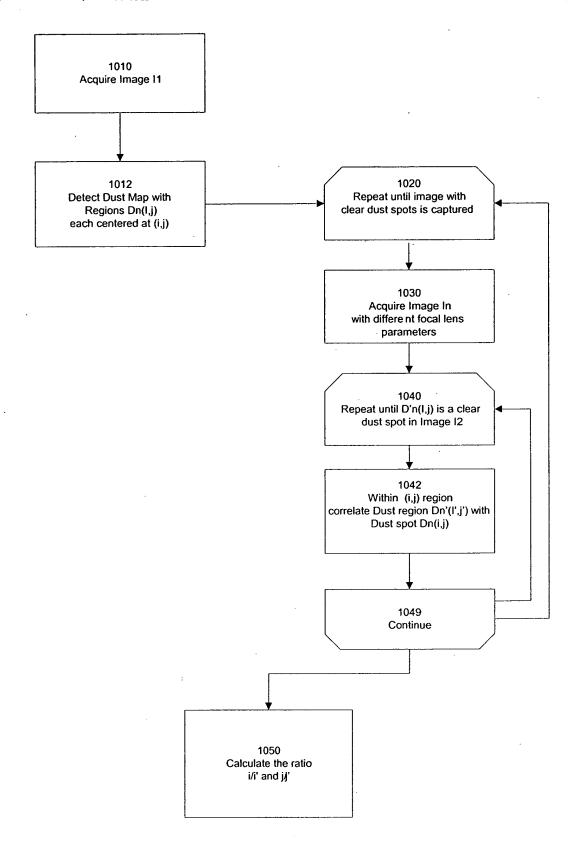
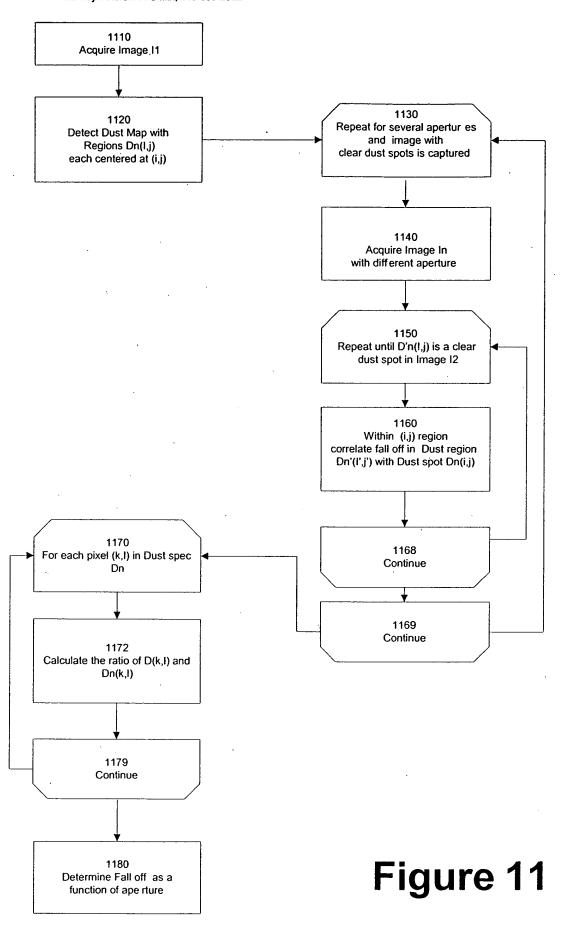


Figure 10

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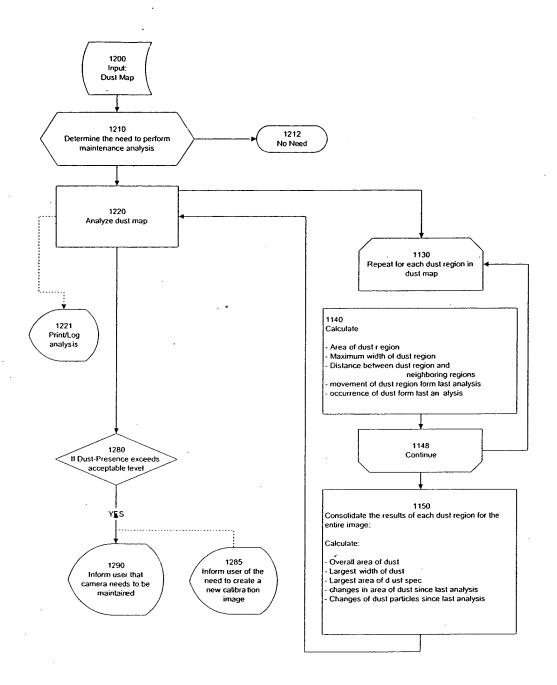


Figure 12